IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Previously Presented): A transmission gear with a dog clutch gear in which the dog clutch gear has clutch teeth formed on an outer circumferential surface of a ring part and tapered inversely so that the tooth thickness of each tooth decreases gradually from a chamfer portion at a tip end toward a base end portion thereof, and the dog clutch gear is fitted onto a boss portion of said transmission gear, said boss portion coaxially and integrally formed on a side surface of said transmission gear, comprising:

a flange on an outer circumferential surface of said ring part extending in an outer radial direction from said base end portion of the clutch teeth; and

a plurality of interfaces between said ring part and said transmission gear.

Claim 2 (Previously Presented): A transmission gear with a dog clutch gear according to claim 1, wherein

said plurality of interfaces between said ring part and said transmission gear are welds.

Claim 3 (Currently Amended): A transmission gear with a dog clutch gear in which the dog clutch gear has clutch teeth formed on an outer circumferential surface of a ring part and tapered inversely so that [[the-tooth]] the tooth thickness of each tooth decrease gradually from a chamfer portion at a tip end toward a base end portion thereof, and the dog clutch gear is fitted onto a boss portion of said transmission gear, said boss portion coaxially and integrally formed on a side surface of said transmission gear, comprising:

a flange on an outer circumferential surface of said ring part extending in an outer radial direction from said base end portion of the clutch teeth; and

a first interface between an inner circumferential surface of said ring part and an outer circumferential surface of said boss portion and a second interface between a surface of said flange and the side surface of the transmission gear.

Claim 4 (Previously Presented): A transmission gear with a dog clutch gear according to claim 3, wherein

said first and second interfaces are welds.

Claim 5 (Previously Presented): A transmission gear with a dog clutch gear according to claim 4, wherein

an outer diameter of said flange is equal to a maximum diameter of said clutch teeth.

Claim 6 (Currently Amended): A transmission gear with a dog clutch gear in which the dog clutch gear has clutch teeth formed on an outer circumferential surface of a ring part and tapered inversely so that [[the-tooth]] the tooth thickness of each tooth decrease gradually from a chamfer portion at a tip end toward a base end portion thereof, and the dog clutch gear is fitted onto a boss portion of said transmission gear, said boss portion coaxially and integrally formed on a side surface of said transmission gear, comprising:

a flange on said ring part to be located on the side corresponding to the base end portion of the clutch teeth, an outer diameter of said flange greater than a maximum diameter of said clutch teeth; and

a first interface between an inner circumferential surface of said ring part and an outer circumferential surface of said boss portion and a second interface between a surface of said flange and the side surface of the transmission gear.

Claim 7 (Currently Amended): A transmission gear with a dog clutch gear in which the dog clutch gear has clutch teeth formed on an outer circumferential surface of a ring part and tapered inversely so that [[the-tooth]] the tooth thickness of each tooth decrease gradually from a chamfer portion at a tip end toward a base end portion thereof, and the dog clutch gear is fitted onto a boss portion of said transmission gear, said boss portion coaxially and integrally formed on a side surface of said transmission gear, comprising:

a flange on said ring part to be located on the side corresponding to the base end portion of the clutch teeth, an outer diameter of said flange equal to a maximum diameter of said clutch teeth;

a first interface between an inner circumferential surface of said ring part and an outer circumferential surface of said boss portion and a second interface between a surface of said flange and the side surface of the transmission gear; and

an annular groove, whose inner wall surface is continuous with an outer circumferential surface of said boss portion and whose outer wall surface has a diameter equal to the outer diameter of the flange, [[is]] formed in the side surface of said transmission gear.

Claim 8 (Currently Amended): A transmission gear with a dog clutch gear according to claim 6, further comprising:

an annular groove, whose inner wall surface is continuous with an outer circumferential surface of said boss portion and whose outer wall surface has a diameter equal to the outer diameter of the flange, [[is]] formed in the side surface of said transmission gear.

Claim 9 (Currently Amended): A transmission gear with a dog clutch gear in which the dog clutch gear has clutch teeth formed on an outer circumferential surface of a ring part and tapered inversely so that [[the-tooth]] the tooth thickness of each tooth decrease gradually from a chamfer portion at a tip end toward a base end portion thereof, and the dog clutch gear is fitted onto a boss portion of said transmission gear, said boss portion coaxially and integrally formed on a side surface of said transmission gear, comprising:

a flange on said ring part to be located on the side corresponding to the base end portion of the clutch teeth, an outer diameter of said flange equal to a maximum diameter of said clutch teeth;

a first interface between an inner circumferential surface of said ring part and an outer circumferential surface of said boss portion and a second interface between a surface of said flange and the side surface of the transmission gear; and

an annular groove, whose inner wall surface is continuous with an outer circumferential surface of said boss portion and whose outer wall surface has a diameter greater than the outer diameter of the flange, [[is]] formed in the side surface of said transmission gear.

Claim 10 (Currently Amended): A transmission gear with a dog clutch gear according to claim 6, further comprising:

an annular groove, whose inner wall surface is continuous with an outer circumferential surface of said boss portion and whose outer wall surface has a diameter greater than the outer diameter of the flange, [[is]] formed in the side surface of said transmission gear.

Claim 11 (Previously Presented): A method of manufacturing a transmission gear with a dog clutch gear comprising:

separately forming a dog clutch gear and a transmission gear, said dog clutch gear having clutch teeth formed on an outer circumferential surface of a ring part and tapered inversely so that the tooth thickness of each tooth decreases gradually from a chamfer portion at a tip end toward a base end portion thereof, said dog clutch gear including a flange on an outer circumferential surface of said ring part extending in an outer radial direction from said base end portion of the clutch teeth, and said transmission gear having a boss portion coaxially and integrally formed on a side surface of said transmission gear;

fitting said dog clutch gear onto said boss portion of said transmission gear; and

providing a plurality of interfaces between said ring part and said boss portion and welding between said flange and the side surface of said transmission gear.

Claim 12 (Currently Amended): A transmission gear with a dog clutch gear, comprising:

clutch teeth formed on an outer circumferential surface of a ring part of said dog clutch gear, said clutch teeth tapered inversely so that the tooth thickness of each tooth decreases gradually from a chamfer portion at a tip end toward a base end portion thereof; and

a flange on an outer circumferential surface of said ring part extending in an outer radial direction from said base end portion of the clutch teeth,

wherein said transmission gear and said dog clutch gear are formed separately, said transmission gear has an axial hole with a diameter that matches a diameter of said flange, the transmission gear is configured to fit onto said flange of said dog clutch gear, and the

transmission gear and the flange are configured to be fixed to each other on both side surfaces of said transmission gear.

Claim 13 (Previously Presented): A method of manufacturing a transmission gear with a dog clutch gear comprising:

separately forming a dog clutch gear and a transmission gear, said dog clutch gear having clutch teeth formed on an outer circumferential surface of a ring part and tapered inversely so that the tooth thickness of each tooth decreases gradually from a chamfer portion at a tip end toward a base end portion thereof, said dog clutch gear including a flange on an outer circumferential surface of said ring part extending in an outer radial direction from said base end portion of the clutch teeth, and said transmission gear having an axial hole with a diameter that matches a diameter of said flange;

fitting the transmission gear onto said flange of said dog clutch gear; and

providing a plurality of interfaces between said transmission gear and the flange on both side surfaces of said transmission gear.

Claim 14 (Previously Presented): A method of manufacturing a transmission gear with a dog clutch gear according to claim 11, wherein

said plurality of interfaces between said ring part and said transmission gear are welds.

Claim 15 (Previously Presented): A method of manufacturing a transmission gear with a dog clutch gear according to claim 11, wherein

said plurality of interfaces between said ring part and said transmission gear are simultaneously welded.

Claim 16 (Previously Presented): A transmission gear with a dog clutch gear according to claim 12, wherein

said plurality of interfaces between said ring part and said transmission gear are welds.

Claim 17 (Previously Presented): A method of manufacturing a transmission gear with a dog clutch gear according to claim 13, wherein

said plurality of interfaces between said ring part and said transmission gear are welds.

Claim 18 (Previously Presented): A method of manufacturing a transmission gear with a dog clutch gear according to claim 13, wherein

said plurality of interfaces between said ring part and said transmission gear are simultaneously welded.